

ABSTRACT

A grinding mill comprises a suction device, a separator, a grinding device, and a driving device. The grinding device has a grinding ring, a grinding wheel, 5 mounted on an excentric disc, a strong elastic plate assembly and several adjusting elements allowing to adjust a distance and a mutual orientation between the grinding wheel and the grinding ring as well as a grinding force. The elastic plate assembly attenuates excess grinding forces and thus prevents damaging of the grinding device. The separator has two support rings and a plurality of blades to 10 separate ground micro-sized particles.